

Claims

What is claimed is:

- [c1] A portable computer, comprising:
 - a computer unit;
 - a protective case, where the computer unit is removably mounted within the protective case;
 - a protective cover that is detachably connected to the protective case to cover the computer unit; and
 - a footing mechanism that is located on the bottom of the protective case.
- [c2] The portable computer of claim 1, where the exterior of the protective case is aluminum.
- [c3] The portable computer of claim 1, where the protective case comprises an suspension system that protects the computer unit.
- [c4] The portable computer of claim 3, where the suspension system comprises an interior protective liner.
- [c5] The portable computer of claim 4, where the interior protective liner is polyurethane.
- [c6] The portable computer of claim 5, where the interior protective liner has a thickness of at least 0.5 inches.
- [c7] The portable computer of claim 1, where the protective cover is detachably connected to the protective case with a plurality of spring loaded connectors.
- [c8] The portable computer of claim 1, where the protective cover stores accessories for the computer unit.

- [c9] The portable computer of claim 1, where the computer unit is rack mountable.
- [c10] The portable computer of claim 1, where the computer unit is a network server.
- [c11] The portable computer of claim 1, where the computer unit is has a flat panel screen.
- [c12] The portable computer of claim 11, where the portable computer has a length of 19 inches, a height of 15 inches, and a depth of 6 inches.
- [c13] The portable computer of claim 1, where the computer unit is has three flat panel screens.
- [c14] The portable computer of claim 13, where the portable computer has a length of 19 inches, a height of 15 inches, and a depth of 8.5 inches.
- [c15] The portable computer of claim 1, where the computer unit has a cooling system that forces air out towards the user.
- [c16] The portable computer of claim 1, where the footing mechanism comprises a plurality of footing units.
- [c17] The portable computer of claim 16, where the footing units each comprise:
 - a slide that is attached to the bottom of the protective case; and
 - a cradle that sits on a solid surface, where the cradle holds the slide in an internal track.
- [c18] The portable computer of claim 1, where the footing mechanism can adjust the orientation of the protective case to be ergonomically comfortable.
- [c19] The portable computer of claim 18, where the footing mechanism can tilt the orientation of the protective case to an angle of up to 18 degrees.

[c20] The portable computer of claim 1, where the computer unit supports a plurality of PCI cards that are held in place by a polyurethane cushion.

[c21] A portable computer, comprising:

a computer unit;

means for protecting the computer unit in a removable case; and

means for adjusting the orientation of the removable case for ergonomic comfort of a user of the portable computer.